

CLAIMS

1 1. An imaging system comprising:
2 an intent-based image acquisition system configured to receive digital image data
3 corresponding to a captured image and a user input corresponding to an intended use of
4 the digital image data, said intent-based image acquisition system being further
5 configured to alter a format of the digital image data in response to said user input such
6 that said format corresponds to the intended use of the digital image data.

1 2. The imaging system of claim 1, wherein said intent-based image acquisition
2 system is configured to provide the user with a graphical user interface, said graphical
3 user interface being configured to display to the user a plurality of intent-based selections
4 from which to choose, each of said intent-based selections corresponding to an intended
5 use of the digital image data.

1 3. The imaging system of claim 1, further comprising:
2 an image-capturing device configured to electrically communicate with said
3 intent-based image acquisition system, said image-capturing device having an intent-
4 based image acquisition system actuator such that, in response to actuating said intent-
5 based image acquisition system actuator, said intent-based image acquisition system
6 provides intent-based selections to the user.

1 4. The imaging system of claim 2, wherein a first of said of intent-based selections is
 2 configured with format settings adapted to alter digital image data corresponding to a first
 3 intended use of the image data, and wherein said intent-based image acquisition system is
 4 further configured to enable modification of said format settings.

1 5. The imaging system of claim 2, wherein said graphical user interface is configured
 2 to enable a user to preview image data that has been formatted to correspond to an
 3 intended use of the digital image data.

1 6. The imaging system of claim 2, wherein said plurality of intent-based selections
 2 are selected from the group consisting of: posting the image data on a Web site for
 3 printing, posting the image data on a Web site for viewing, emailing photo for printing,
 4 emailing photo for viewing, and archiving image data.

1 7. The imaging system of claim 3, wherein said image-capturing device is selected
 2 from the group consisting of:
 3 a scanner, a digital camera, a multi-function device, a digital sender, and a digital
 4 copier.

1 8. The imaging system of claim 1, wherein said intent-based image acquisition
 2 system is configured to launch an application, the application being configured to enable
 3 modification of the digital image data.

1 9. The imaging system of claim 1, wherein said intent-based image acquisition
 2 system further comprises:
 3 means for enabling modification of the digital image data.

1 10. A method for providing image data comprising the steps of:
 2 receiving digital image data corresponding to a captured image;
 3 receiving a user input corresponding to an intended use of the digital image data;
 4 and
 5 altering a format of the digital image data in response to the user input such that
 6 the format corresponds to the intended use of the digital image data.

1 11. The method of claim 10, further comprising the step of:
 2 providing the user with a graphical user interface configured to display to the user
 3 a plurality of intent-based selections from which to choose, each of the intent-based
 4 selections corresponding to an intended use of the digital image data.

1 12. The method of claim 11, wherein the step of providing the user with a graphical
 2 user interface comprises the step of:
 3 enabling the user to modify the intent-based selections such that a modified
 4 selection more appropriately corresponds to the user's intended use of the digital image
 5 data.

1 13. The method of claim 11, further comprising the step of:

2 enabling the user to preview image data that has been formatted to correspond to

3 an intended use of the digital image data.

1 14. The method of claim 11, further comprising the step of:

2 enabling modification of the digital image data.

1 15. The method of claim 12, wherein the step of providing the user with a graphical

2 user interface comprises the step of:

3 providing the user with a selection corresponding to the intention of e-mailing an

4 acquired image to a recipient; and

5 automatically providing the image data at a screen resolution adapted for

6 displaying the acquired image on a single screen of a display device in response to the

7 user selecting the selection corresponding to the intention of e-mailing the acquired image

8 to a recipient.

1 16. The method of claim 14, wherein the step of enabling modification of the digital

2 image data comprises the step of:

3 launching an application configured to enable modification of the digital image

4 data.

1 17. The method of claim 15, wherein the acquired image is a photo.

1 18. A computer readable medium having a computer program for providing image
 2 data, said computer readable medium comprising:
 3 logic configured to receive digital image data corresponding to a captured image;
 4 logic configured to receive a user input corresponding to an intended use of the
 5 digital image data; and
 6 logic configured to alter a format of the digital image data in response to the user
 7 input such that the format corresponds to the intended use of the digital image data.

1 19. The computer readable medium of claim 18, further comprising:
 2 logic configured to provide the user with a graphical user interface configured to
 3 display to the user a plurality of intent-based selections from which to choose, each of the
 4 intent-based selections corresponding to an intended use of the digital image data.

1 20. The computer readable medium of claim 18, further comprising:
 2 logic configured to enable the user to preview image data that has been formatted
 3 to correspond to an intended use of the digital image data.

1 21. The computer readable medium of claim 18, further comprising:
 2 logic configured to enable modification of the digital image data.